517   Material Obligation Validation

Functional Group=MV

Purpose: This Draft Standard for Trial Use provides the format and establishes the data contents of the Material Obligation Validation Transaction Set (517) for use within the context of an Electronic Data Interchange (EDI) environment. The material obligation validation transaction set may be used to: (1) verify the continued need for open orders, (2) confirm open order quantities and order priority, (3) request reinstatement of erroneously cancelled open orders, and (4) validate Government Furnished Material (GFM) orders. The transaction set may convey a description of the material, the urgency of need associated with the transaction and quantity of required material. This transaction set is bi-directional between trading partners.

Federal Note:

1. Organizations use this transaction set to validate the continued need and priority of requirements held in backorder status or on direct vendor delivery (DVD) (e.g., Material Obligation Validation (MOV)), provide responses to MOV requests, notify organizations of failures to respond to MOV requests, notify organizations of exemptions from validation cycles, and request reinstatements of requirements erroneously cancelled due to failures to respond to validation cycles. Organizations also use this transaction set to validate apparent excessive requisition quantities and respond to excessive quantity validations.

2. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. Use a single occurrence of this transaction set to transmit single or multiple MOV requests, MOV responses, notifications of non-response to MOV cycles, MOV exemptions, MOV reinstatement requests, excessive quantity verification inquiries, or excessive quantity verification responses to one organization.

2. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table, and the Accounting Classification Appendix which can be found on the DLA Logistics Management Standards Office Web site at ww.dla.mil/j-6/dlmso.

3. This DLMS Supplement to the Federal 517M implementation convention contains:

a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLA Logistics Management Standards Office prior to use.

b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards Office prior to use.

c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLA Logistics Management Standards Office for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded field size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards Office prior to use.

e. Repetition of data (using multiple iterations or loops) which is not compatible with existing DLSS capability. Although supported by the use of the ANSI X12 standard, such data is not compatible with DLSS/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with DLA Logistics Management Standards Office prior to use.

f. Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data (including expanded field sizes) should be adopted during, or subsequent, to modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction.

4. This revision to the DLMS Supplement (DS) incorporates Proposed DLMS Changes (PDCs) and Approved DLMS Changes (ADCs) listed. PDCs/ADCs are available from the DLA Logistics Management Standards Office Web site: http://www.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp

- PDC 1043, DLMS Revisions for Department of Defense (DoD) Standard Line of Accounting (SLOA)/Accounting Classification

- ADC 49, Revision to DS 517M, MOV
- ADC 49A, Revision to DS 517M, MOV
- ADC 49B, Revision to DS 517M, MOV
- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)

- ADC 78, Addendum Revision to DS 517M, Material Obligation Validation MOV
- ADC 99, Revision to DS 517G, and 517M to Accommodate Requirement of Distribution Code
- ADC 281, Administrative Revision to DLMS Supplement (DS) 517M, Material Obligation Validation (MOV), to Include Qualifier for Material Identification
- ADC 435, DLMS Revisions for SFIS Compliance
- ADC 436, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers

Heading:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	10	ST	Transaction Set Header	M	1			Must use
	20	BR	Beginning Segment for Material Management	M	1			Must use
	30	G62	Date/Time	O	10			Used
	LOOP ID - LM					**10**		
	40	LM	Code Source Information	O	1			Used
	50	LQ	Industry Code	M	100			Must use
	LOOP ID - N1					**>1**		
	60	N1	Name	O	1			Must use
*	70	N2	Additional Name Information	O	2			Not Used
*	80	N3	Address Information	O	2			Not Used
*	90	N4	Geographic Location	O	1			Not Used
	100	G61	Contact	O	5			Used

Detail:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	LOOP ID - QTY					**>1**		
	10	QTY	Quantity	O	1			Used
	20	N9	Reference Identification	O	30			Must use
	40	G62	Date/Time	O	30			Used
*	50	DD	Demand Detail	O	100			Not Used
*	60	GF	Furnished Goods and Services	O	1			Not Used
	LOOP ID - LM					**10**		
	70	LM	Code Source Information	O	1			Used
	80	LQ	Industry Code	M	100			Must use
	* LOOP ID - N1					**>1**		
*	90	N1	Name	O	1			Not Used
*	100	N2	Additional Name Information	O	2			Not Used
*	110	N3	Address Information	O	2			Not Used
*	120	N4	Geographic Location	O	1			Not Used
*	130	G61	Contact	O	5			Not Used
	LOOP ID - FA1					**>1**		
	135	FA1	Type of Financial Accounting Data	O	1			Used
	136	FA2	Accounting Data	M	>1			Must use
	140	SE	Transaction Set Trailer	M	1			Must use

ST Transaction Set Header

Pos: 10	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use	1

Description: Code uniquely identifying a Transaction Set

Code Name

517   Material Obligation Validation

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Federal Note: *A unique number assigned by the originator of the transaction set, or the originator's application program.*

BR   Beginning Segment for Material Management

Pos: 20	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 9**

User Option (Usage): Must use

Purpose: To indicate the beginning of a material management transaction and transmit identifying numbers and dates

Syntax Rules:

1. C0504 - If BR05 is present, then BR04 is required.
2. P0708 - If either BR07 or BR08 is present, then the other is required.
3. P1011 - If either BR10 or BR11 is present, then the other is required.

Semantics:

1. BR03 is the date of the transaction set preparation.
2. BR09 is the time of the transaction set preparation

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BR01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

Code	Name
00	Original
77	Simulation Exercise

DLMS Note:

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BR02	640	**Transaction Type Code**	M	ID	2/2	Must use	1

Description: Code specifying the type of transaction

Code	Name
AN	Material Obligation Inquiry

DLMS Note:

Use alone to indicate an original MOV request. Also may use with BR06 codes A3 and RU and T.

AP	Material Obligation Advice

DLMS Note:

1. Use to indicate the transaction set contains MOV response transactions.

2. Use with BR06 Code 9 to identify organization(s) exempt from the current MOV cycle.

3. Use with BR06 Code V to confirm receipt of MOV request(s).

4. Use with BR06 Code 51 to indicate that all MOV requests requiring changes are considered complete and verified as valid.

AQ	Quantity Verification Inquiry

DLMS Note:

Use to indicate the transaction set contains excessive quantity verification inquiry transactions.

AV	Quantity Verification Advice

DLMS Note:

Use to indicate the transaction set contains excessive quantity verification response transactions.

AW	Material Obligation Reinstatement

DLMS Note:

		Code Name					
		Use to indicate the transaction set contains MOV reinstatement requests.					
BR03	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

Federal Note: *This date corresponds to the Universal Time Coordinate (UTC).*

BR06	306	**Action Code**	O	ID	1/2	Used	1

Description: Code indicating type of action

Federal Note: *Use as needed with either BR02 code AN or AP to further qualify the intended purpose of the transaction set.*

Code Name

9   Not Capable of Taking Action

> **DLMS Note:**
>
> *Use with BR02 Code AP to indicate the organizations specified in the 1/N1/060 loop are exempt from the current MOV reporting cycle.*

T   Status Query

> **DLMS Note:**
>
> *Use with BR02 code AN to indicate a follow-up to an original MOV.*

V   Respond

> **DLMS Note:**
>
> *Use with BR02 Code AP to indicate the transaction set is a confirmation of receipt of MOV requests.*

51   Complete

> **DLMS Note:**
>
> *Use with BR02 Code AP to indicate all MOV requests requiring changes are considered and verified as valid.*

A3   Not Certified

> **DLMS Note:**
>
> *Use with BR02 Code AN to indicate the organization, specified in the 1/N1/060 loop, failed to provide an MOV response for material scheduled for direct delivery from procurement.*

RU   Return

> **DLMS Note:**
>
> *Use with BR02 code AN to indicate customer nonresponse to MOV requests for backordered material in preaward (BZ) status.*

BR07	128	**Reference Identification Qualifier**	X	ID	2/3	Used	1

Description: Code qualifying the Reference Identification

Code Name

X7   Batch Sequence Number

> **DLMS Note:**
>
> *1. Use to identify the batch control number assigned to each batch of transactions forwarded to a single activity for validation. The first two positions will contain the batch number and the second two positions will contain the total number of batches being forwarded.*
>
> *2. Future streamlined data; see introductory DLMS note 3c.*

BR08	127	**Reference Identification**	X	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

BR09	337	**Time**	O	TM	4/8	Must use	1

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)					
		Federal Note: *1. Express the originating activity's time in UTC.* *2. Express time in a four-position (HHMM) format.*					
BR10	128	**Reference Identification Qualifier**	X	ID	2/3	Used	1
		Description: Code qualifying the Reference Identification					

Code Name

XM   Issuer Number

DLMS Note:

1. Use to identify the actual number of individual detail transactions included in this batch from 001 to 493 maximum.

2. Future streamlined data; see introductory DLMS note 3c.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BR11	127	**Reference Identification**	X	AN	1/30	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

G62 Date/Time

<table>
<tr><td>Pos: 30</td><td>Max: 10</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

Federal Note:

Use this 1/G62/030 segment to indicate dates that are applicable to the entire transaction set.

DLMS Note:

Use to identify dates applicable to the MOV request and excessive quantity verification inquiries.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6201	432	**Date Qualifier**	X	ID	2/2	Must use	1

Description: Code specifying type of date

Code	Name
64	Must Respond By

DLMS Note:

Use in quantity verification inquiries to indicate the response due date.

BS	Product Receipt Date

DLMS Note:

Use in MOV responses to indicate date of receipt of MOV requests.

CA	Cutoff Date

DLMS Note:

Use for MOV requests to identify the last date of record against which the open orders were obtained from the supply source's records.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6202	373	**Date**	X	DT	8/8	Must use	1

Description: Date expressed as
CCYYMMDD

LM Code Source Information

Pos: 40	**Max: 1**
Heading - Optional	
Loop: LM	**Elements: 1**

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Must use this 1/LM/040 loop to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

Pos: 50	**Max: 100**
Heading - Mandatory	
Loop: LM	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Used	1

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
0	Document Identification Code

DLMS Note:

1. The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date. (Applicable only to DI Code AP8 and AP9).

2. Future streamlined data; see introductory DLMS note 3c.

AK	Distribution Code

Federal Note:

Use to identify the distribution of the MOV transaction set.

COG	Cognizance Symbol

DLMS Note:

Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ02	1271	**Industry Code**	X	AN	1/30	Used	1

Description: Code indicating a code from a specific industry code list

N1   Name

<table>
<tr><td>Pos: 60</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

1. Must use this 1/N1/060 loop to identify the organization originating the transaction set and the organization to recieve the transaction set.

2. Use additional iterations to identify other organizations related to the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
97	Party Waiving Requirements

> **DLMS Note:**
> *Use multiple iterations for MOV exemption transactions to identify those organizations exempt from the current MOV cycle.*

BT	Bill-to-Party

> **DLMS Note:**
> *1. Use for SFIS compliant systems to identify the BPN of the party to receive the bill. BPN may only be used when the corresponding DoDAAC is also provided. This will require a second iteration of the N1 loop with the same qualifier.*
>
> *2. Authorized DLMS enhancement; see introductory DLMS note 3f.*

PK	Party to Receive Copy
Z4	Owning Inventory Control Point
ZK	Reporter

> **DLMS Note:**
> *Use to identify the organization accomplishing actions on behalf of the customer.*

ZR	Validating Party

> **DLMS Note:**
> *Use to identify the party to affirm the validity of the requirement.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code Name

1   D-U-N-S Number, Dun & Bradstreet

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

10   Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement; see introductory DLMS note 3a.

50   Business License Number

DLMS Note:

1. Use for SFIS to map to SFIS Data element "Business Partner Number TP3". Enter the buyer's BPN in N104.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

A2   Military Assistance Program Address Code (MAPAC)

DLMS Note:

1. Use to indicate the Security Assistance (SA) structured address data. Interpretation of this data may require additional codes cited elsewhere in the transaction.

2. DLMS enhancement; see introductory DLMS note 3a.

M4   Department of Defense Routing Identifier Code (RIC)

N104	67	**Identification Code**	X	AN	2/80	Must use	1

Description: Code identifying a party or other code

N106	98	**Entity Identifier Code**	O	ID	2/3	Used	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code Name

FR   Message From

Federal Note:

Use with the appropriate 1/N101/060 code to indicate that the organization cited in N104 is originating the transaction set.

TO   Message To

Federal Note:

Use with the appropriate 1/N101/060 code to indicate that the organization cited in N104 is the action organization receiving the transaction set.

G61   Contact

<table>
<tr><td>Pos: 100</td><td>Max: 5</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Used

Purpose: To identify a person or office to whom communications should be directed

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

Federal Note:

1. Use only under exceptional circumstances when requiring direct communication with the party originating the transaction set.

2. Use multiple repetitions as needed to identify a point of contact (POC) and multiple communication numbers. When using multiple repetitions to identify different communication numbers for a single POC, repeat the name cited in G6102.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6101	366	**Contact Function Code**	M	ID	2/2	Must use	1

Description: Code identifying the major duty or responsibility of the person or group named

Code Name

IC   Information Contact

> **Federal Note:**
> *Must use in the first repetition to identify the primary POC and their primary communication number.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6102	93	**Name**	M	AN	1/60	Must use	1

Description: Free-form name

Federal Note: *Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6103	365	**Communication Number Qualifier**	X	ID	2/2	Used	1

Description: Code identifying the type of communication number

Federal Note: *1. Use to identify the preferred method of communication in the first repetition. Use additional repetitions when identifying alternate communication methods.*

2. Do not include blank spaces, dashes, or parentheses between numbers.

Code Name

AU   Defense Switched Network

> **Federal Note:**
> *Use to identify the Defense Switched Network (DSN) telephone number.*

EM   Electronic Mail

EX   Telephone Extension

		Code	Name					
			Federal Note: *Use in a repetition immediately following AU, IT, or TE to identify a telephone extension.*					
		FX	Facsimile					
			Federal Note: *Use to identify the facsimile (FAX) telephone number.*					
		IT	International Telephone					
			Federal Note: *Include country and city code.*					
		TE	Telephone					
			Federal Note: *Use to identify the commercial telephone number. Include the area code and number.*					
		TL	Telex					
		TX	TWX					
G6104	364	**Communication Number**		X	AN	1/80	Used	1
		Description: Complete communications number including country or area code when applicable						
G6105	443	**Contact Inquiry Reference**		O	AN	1/20	Used	1
		Description: Additional reference number or description to clarify a contact number						
		Federal Note: *Use to indicate the office symbol or activity code for the party identified.*						

QTY   Quantity

Pos: 10	Max: 1
Detail - Optional	
Loop: QTY	Elements: 3

User Option (Usage): Used

Purpose: To specify quantity information

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

DLMS Note:

Use the 2/QTY/010 loop for MOV request, MOV response, notification of nonresponse, material obligation reinstatement request, excessive quantity verification inquiry, and excessive quantity verification response transactions to identify information associated with the validation process.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Must use	1

      Description: Code specifying the type of quantity

Code	Name
38	Original Quantity

      DLMS Note:

      Use for excessive quantity verification inquiry transactions to indicate the quantity requisitioned.

40	Remaining Quantity

      DLMS Note:

      Use for MOV response, MOV reinstatement request, and excessive quantity verification advice transactions to indicate the quantity still required by the validating organization. (Note: The quantity cited for MOV reinstatement request transactions cannot exceed the quantity cancelled.)

63	On Order Quantity

      DLMS Note:

      Use for MOV requests to indicate the unfilled quantity of items being validated by the source of supply.

AA	Unacknowledged Quantity

      DLMS Note:

      Use to indicate quantity that will be supplied from procurement for which an MOV response was not received.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY02	380	**Quantity**	X	R	1/15	Must use	1

      Description: Numeric value of quantity

      Federal Note: *Express as a whole number with no decimals.*

      DLMS Note: *A field size exceeding 5 positions (7 positions for FSG 13, ammunition) may not be received or understood by the recipient's automated processing system.   See guideline note 3d.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY03	C001	**Composite Unit of Measure**	O	Comp		Used	1

      Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY03-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	1

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Federal Note: *Use to identify the unit of issue for the material validated.*

DLMS Note: *DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep

N9   Reference Identification

Pos: 20	**Max: 30**
Detail - Optional	
Loop: QTY	**Elements: 3**

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Federal Note:

Use multiple repetitions to identify the transaction number and material identification associated with the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Federal Note: *Use any code.*

DLMS Note: *1. Use only one of codes 1I, EQ, FQ, MF, NS, S6, WL, XD or ZZ to identify the material requisitioned. Must use National Stock Number (NSN) when known.*

2. For DLMS use, only the following codes are authorized.

Code	Name
1I	Department of Defense Identification Code (DoDIC)

    DLMS Note:

    Use to identify ammunition items.

Code	Name
EQ	Equipment Number

    DLMS Note:

    Use to identify the plant equipment.

Code	Name
FQ	Form Number

    DLMS Note:

    Use to identify the form stock number.

Code	Name
MF	Manufacturers Part Number

    DLMS Note:

    Use to identify nonstandard material.

Code	Name
NS	National Stock Number
S6	Stock Number

    DLMS Note:

    Use to identify the publication stock number.

Code	Name
TN	Transaction Reference Number

    DLMS Note:

    Must use to identify the transaction number of the original requisition for the item being validated.

Code	Name
WL	Federal Supply Classification Code

    DLMS Note:

Code Name

Use to identify the FSC for nonstandard material when a part number is not available and material can only be ordered by description (e.g., non-NSN lumber products).

XD   Subsistence Identification Number

DLMS Note:

Use to identify subsistence items.

ZZ   Mutually Defined

DLMS Note:

Use to identify nonstandard material when all other authorized codes do not apply (Includes management control numbers and locally assigned control numbers). May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code.

N902	127	**Reference Identification**	X	AN	1/30	Used	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

N907	C040	**Reference Identifier**	O	Comp		Used	1

Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Syntax:

1. P0304 - If either C04003 or C04004 is present, then the other is required.
2. P0506 - If either C04005 or C04006 is present, then the other is required.

N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

DLMS Note: *Use with N101 code WL to identify the material name or description.*

Code Name

PG   Product Group

Federal Note:

Use to identify material name or description.

DLMS Note:

Use with N901 code WL to identify the material name or description.

W7   Commercial and Government Entity (CAGE) Code

DLMS Note:

Use with N901 code MF to uniquely identify a manufacturer's part number.

W8   Suffix

DLMS Note:

Use with N901 code TN to identify the transaction number suffix.

N907-02	127	**Reference Identification**	X	AN	1/30	Must use	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

G62   Date/Time

<table>
<tr><td>Pos: 40</td><td>Max: 30</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: QTY</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.

2. P0102 - If either G6201 or G6202 is present, then the other is required.

3. P0304 - If either G6203 or G6204 is present, then the other is required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6201	432	**Date Qualifier**	X	ID	2/2	Must use	1

Description: Code specifying type of date

Code	Name
17	Estimated Delivery Date

DLMS Note:

Use for MOV and excessive quantity verification inquiries to identify the estimated shipping date (ESD).

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
G6202	373	**Date**	X	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

LM   Code Source Information

Pos: 70	**Max: 1**
Detail - Optional	
Loop: LM	**Elements: 1**

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Must use this 2/LM/070 loop to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

LQ Industry Code

Pos: 80	**Max: 100**
Detail - Mandatory	
Loop: LM	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Must use	1

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code	Name
0	Document Identification Code

DLMS Note:

1. The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date.

2. Future streamlined data; see introductory DLMS note 3c.

78	Project Code

DLMS Note:

1. Use to identify special programs, exercises, projects, operations, and other purposes.

2. For DoD SLOA/Accounting Classification compliance the Project Code may be repeated as a Project Identifier (FA201 Qualifier 90). Refer to PDC 1043.

79	Priority Designator Code
80	Advice Code
81	Status Code

DLMS Note:

Use for MOV requests to identify the current supply status of the transaction.

A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemented Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 3d.

3. Expanded use of this field for supplemental data with out size restriction is a DLMS enhancement; see introductory DLMS note 3a.

4. Under full DLMS, the requirement to pass activity address information within the supplement data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 3c.

AK	Distribution Code

DLMS Note:

Future streamlined data; see introductory DLMS note 3c.

DE	Signal Code

Code	Name

DLMS Note:

Future streamlined data; see introductory DLMS note 3c.

DF   Media and Status Code

DLMS Note:

Future streamlined data; see introductory DLMS note 3c.

GQ   Group Qualifier Code

Federal Note:

Use to identify the Materiel Management Aggregation Code (MMAC).

DLMS Note:

Use to identify the MMAC for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action. The code source is identified as the Air Force Manual (AFMAN) 23-110, Volume 1.

A data maintenance action was approved in version 5010. The approved code/name is "MAC – Material Management Aggregation Code".

COG   Cognizance Symbol

DLMS Note:

1. Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

IMC   Item Management Code

DLMS Note:

1. Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

MCC   Material Control Code

DLMS Note:

1. Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

SMI   Special Material Identification Code

DLMS Note:

1. Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

2. DLMS enhancement.

LQ02	1271	**Industry Code**	X	AN	1/30	Must use	1

Description: Code indicating a code from a specific industry code list

FA1   Type of Financial Accounting Data

Pos: 135	**Max: 1**
Detail - Optional	
Loop: FA1	**Elements: 2**

User Option (Usage): Used

Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Semantics:

1. FA101 Identifies the organization controlling the assignment of financial accounting information.
2. FA102 Identifies the purpose of the accounting allowance or charge information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FA101	559	**Agency Qualifier Code**	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

> **DLMS Note:**
>
> *Use to indicate that the Component is a Department of Defense agency, including Defense Logistics Agency. Refer to PDC 1043.*

DN	Department of the Navy

> **Federal Note:**
>
> *Includes the United States Marine Corps.*

DY	Department of Air Force
DZ	Department of Army
FG	Federal Government

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FA102	1300	**Service, Promotion, Allowance, or Charge Code**	O	ID	4/4	Must use	1

Description: Code identifying the service, promotion, allowance, or charge

Code	Name
A170	Adjustments

> **DLMS Note:**
>
> *Use only for adjustments not specified by any other code.*

A520	Base Charge

> **DLMS Note:**
>
> *Use for material charges only.*

C930	Export Shipping Charge
D340	Goods and Services Charge

> **DLMS Note:**
>
> *Use for both material and related services.*

F060	Other Accessorial Service Charge
F560	Premium Transportation
I260	Transportation Direct Billing

> **DLMS Note:**
>
> *Use for non-premium transportation.*

R060	Packing, Crating, and Handling Charge

FA2   Accounting Data

Pos: 136	**Max: >1**
Detail - Mandatory	
Loop: FA1	**Elements: 2**

User Option (Usage): Must use

Purpose: To specify the detailed accounting data

Federal Note:

Use this 2/FA2/136 segment to identify the various components of the line of accounting.

DLMS Note:

Use this segment to comply with the DoD SLOA/Accounting Classification. Cost object elements Project Identifier, Funding Center Identifier, Functional Area, Cost Element Code, Cost Center Identifier, Activity Identifier, and Work Order Number are used as appropriate for the system. This information is applicable to requisition re-instatement only.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FA201	1196	**Breakdown Structure Detail Code**	M	ID	2/2	Must use	1

Description: Codes identifying details relating to a reporting breakdown structure tree

Code	Name
89	Budget Line Item Identification

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Budget Line Item".

2. Qualifier 89 is a migration code approved for use in X12 version 4020. Refer to PDC 1043.

3. Authorized DLMS enhancement; see introductory DLMS note 3f.

90	Project/Task

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Project Identifier". Refer to PDC 1043.

2. Qualifier 90 is a migration code approved for use in X12 version 4020.

3. Authorized DLMS enhancement; see introductory DLMS note 3f.

A1	Department Indicator

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Department Regular". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory note 3f.

A2	Transfer from Department

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Department Transfer". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory note 3f.

A4	Basic Symbol Number

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Main Account". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

A5	Sub-class

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Sub Class". Refer to PDC 1043.

Code	Name

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

A6   Sub-Account Symbol

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Sub Account". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

AI   Activity Identifier

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Activity Identifier". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

3. At this time a local code 'AI' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'AI-Activity Identifier' in a future version.

B2   Budget Sub-activity Number

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Sub-Allocation (formerly known as Limit/Subhead)". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

B5   Fund Code

DLMS Note:

Use to modify, or in the case of an unmatched modification, to identify the fund code. Modifier transactions may not be used to change this field for GFM requisitions.

C3   Budget Restriction

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Availability Type". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

CC   Cost Center Identifier

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Cost Center Identifier". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

3. At this time a local code 'CC' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'CC-Cost Center Identifier' in a future version.

F1   Object Class

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Object Class". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

FA   Functional Area

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Functional Area". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

3. At this time a local code 'FA' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'FA-Functional Area' in a future version.

FC   Funding Center Identifier

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Funding Center Identifier". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

Code	Name

3. At this time a local code 'FC' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'FC-Funding Center Identifier' in a future version.

FT   Funding Type

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Reimbursable Flag". Refer to PDC 1043.

2. Qualifier FT is an X12 Version Release 004030 Migration Code.

3. Authorized DLMS enhancement; see introductory DLMS note 3f.

H1   Cost Code

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Cost Element Code". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

IA   Security Cooperation Implementing Agency

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Security Cooperation Implementing Agency". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

3. A local code 'IA' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'IA- Security Cooperation Implementing Agency' in a future version.

L1   Accounting Installation Number

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Agency Accounting Identifier". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

N1   Transaction Type

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Business Event Type Code". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

P1   Disbursing Station Number

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify, or to modify, "Agency Dispersing Identifier Code". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

P5   Foreign Military Sales (FMS) Line Item Number

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Security Cooperation Case Line Item Identifier". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

S1   Security Cooperation Customer Code

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Security Cooperation Customer Code". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

3. A local code 'S1' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'S1- Security Cooperation Customer Code' in a future version.

S2   Security Cooperation Case Designator

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Security Cooperation Case Designator".

	Code	Name
		Refer to PDC 1043.
		2. Authorized DLMS enhancement; see introductory DLMS note 3f.
		3. A local code 'S2' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'S2- Security Cooperation Case Designator' in a future version.
	WO	Work Order Number

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Work Order Number". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

3. At this time a local code 'WO' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'WO-Work Order Number' in a future version.

	YB	Beginning Period of Availability Fiscal Year Date

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Beginning Period of Availability Fiscal Year Date". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

3. A local code 'YB' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'YB Beginning Period of Availability Fiscal Year Date in a future version.

	YE	Ending Period of Availability Fiscal Year Date

DLMS Note:

1. For DoD SLOA/Accounting Classification use to identify "Ending Period of Availability Fiscal Year Date". Refer to PDC 1043.

2. Authorized DLMS enhancement; see introductory DLMS note 3f.

3. A local code 'YE' is established for use in the 517M, version 4010. A data maintenance action has been submitted for establishment of 'YE Ending Period of Availability Fiscal Year Date' in a future version.

FA202	1195	**Financial Information Code**	M	AN	1/80	Must use	1

Description: Code representing financial accounting information

SE Transaction Set Trailer

Pos: 140	**Max: 1**
Detail - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		Federal Note: *Cite the same number as the one cited in ST02.*					